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Nancy S. Turover

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF Wu, et al.

**APPLICATION NO: 10/719,187** 

FILED: November 21, 2003

FOR: 3-HETEROCYCLIC BENZYLAMIDE DERIVATIVES AS POTASSIUM CHANNEL

**OPENERS** 

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### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §1.56, applicant wishes to call the Examiner's attention to the references cited on the attached form PTO-1449. Copies of these references are enclosed herewith with the following exception: acknowledging the Examiner's direct request, U.S. patents have been cited but not provided in hard copy because they are already readily available to the Examiner.

We provide herewith certified English language translations of Japanese patents JP2-138159 and JP45-14291, both cited in the application and published in Japanese without English equivalents available.

We have provided U.S. 6,413,995 as an English equivalent of reference WO 00/42013 that was published in Japanese and cited in the application.

... USSN 10/719,187 CASE CT-2717-NP

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form.

This paper is being filed within three months of the filing date of the application, therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

Respectfully submitted,

Ald A. Olqui

Date: February 3, 2004

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Enclosures



# U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

## 4 INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO. CT-2717-NP

**APPLICATION NO.** 10/719,187

APPLICANT

Wu, et al.

**FILING DATE** 

21 Nov. 2003

U.S. PATENT DOCUMENTS													
EXAMINE R INITIAL		DOCUMENT NUMBE	R	DATE		NAME		CLASS		SUBCLASS		FILING DATE	
	AA	U.S. 4,927,838		22 May 1990		Guthrie, <u>et al.</u>							
	AB	U.S. 6,046,239		4 Apr 2000		Lennox, <u>et al.</u>							
	AC	U.S. 6,413,995		2 July 200		Hasegawa, <u>et al.</u>							
	AD												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER	D	ATE		OFFICE		CLASS	SUBCLASS		TRANSLATION YES NO		
	AE	JP 45-14291	21 May 1970		SUMITOMO CHEM. IND. CO.		. CO.		:		$\boxtimes$		
	AF	JP 2-138159	28 May 1990		KITAOKI CHEM. IND. CO.					$\boxtimes$			
	AG	EP 810220A1	3 De	1997	PFIZER INC			i					
	AH	WO 00/07993	17 Feb 200		SMITHKLINE BEECHAM		1	_					
	Al	WO 00/42013	20 July 2000		TSUMARA & CO.					•	See AC		
	AJ	WO 01/10380	15 Feb 2001		ICAGEN INC								
	AK	WO 01/10381	15 Feb 2001		ICAGEN INC								
	AL												
	АМ												
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)													
	AN	WANG, S., et al., "KCNQ2 and KCNQ3 Potassium Channel Subunits: Modular Correlates of the M-Channel", <i>Science</i> , <b>282</b> , pp. 1890-1893 (1998)											
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	AS												
	AT												
EXAMI	NER			DATE	CONSID	ERED							

<sup>\*</sup>EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.